

CD274 抗原

中文名称： CD274 抗原

英文名称： CD274 Antigen

相关类别： 抗原

储 存： 冷冻（-20℃）

概述

Synthetic peptide corresponding to a region derived from 70-84 amino acids of human CD274 molecule

技术规格

Full name	CD274 molecule
Synonyms	B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1
Swissprot	Q9NZQ7
Gene Accession	NP_054862
Background	This gene encodes an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells, such as T cells and B cells and various types of tumor cells. The encoded protein is a type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T

-cell inactivation. Expression of this gene in tumor cells is considered to be prognostic in many types of human malignancies, including colon cancer and renal cell carcinoma. Alternative splicing results in multiple transcript variants.